InfraCAM™ Thermal imager

Avoid fires - Save energy - evaluate new installations - avoid unnecessary repairs - verify repairs - Avoid fires - Save energy -
installations - avoid unnecessary repairs - verify repairs -

Discover hidden faults thanks to thermal imaging

The InfraCAM is an easy-to-use and highly affordable infrared camera. The InfraCAM will clearly make you see small, hidden problems, wich cannot be detected with the naked eye but can have severe consequences. Rugged and very easy-to-use, the InfraCAM is the ideal tool for numerous applications. Thanks to its affordability the InfraCAM brings the advantages of thermal imaging to many more users.

Locate problems fast

Locate faults quickly and view thermal images on the large 3.5" LCD display. Analyse problems and share results with your colleagues in the field.

Instant non-contact temperature measurement

The InfraCAM allows you to measure the temperature of the object you are looking at in a non-contact mode. Now you can detect the most diverse electrical problems and instantaneously see the area of concern on a clear and bright infrared image.

Easy to operate

The intuitive user controls make the InfraCAM very easy-to-use. You will be ready for your first infrared inspections within minutes.

Rugged, ergonomic and lightweight

The infraCAM is a robust tool. It is perfectly suited for use both indoors and outdoors, in the harshest industrial enviroments.

Fast download of thermal images to your PC

The InfraCAM stores 50 images in JPEG format which can easily be downloaded to your PC and included in your inspection reports.

InfraCAM, from FLIR Systems, the global leader for infrared technology

FLIR Systems offers a full range of infrared cameras. Whatever your infrared application, FLIR Systems has the perfect infrared solution.

More than 50 years experience in the development and production of infrared cameras have allowed us to develop a revolutionary new model. Rapid developments in detector technology have allowed for a small, compact, easy-to-use and extremely affordable diagnostic tool. Technology which was only present in high-end infrared cameras in the past and was only accessible for a limited number of users now makes its way to many more users thanks to the InfraCAM.

Imaging Performance	
Field of view	25° x 25°
Minimum focus distance	0.3 m
Focus	Manual
Detector type	Focal Plane Array (FPA), uncooled microbolometer 120 x 120 pixels
Spectral range	7.5 to 13 µm
Image presentation	
Display	3.5" color LCD, 16K colors
Measurement	
Temperature range	-10°C to +350°C
Measurement mode	Fixed spot in the middle of the image
Menu controls	Palettes (color or black and white), auto-adjust (automatic/manual)
Set-up controls	Date/time, language, power down, display intensity
Measurement corrections	Emissivity variable from 0.1 to 1.0
Image storage	
Type	Built-in FLASH memory (50 images)
File formats	Standard JPEG
Laser locatIR	
Classification	Class 2
Type	Semiconductor AlGaInP Diode Laser: 1mW/635 nm red
Battery system	
Type	Li-Ion, rechargeable, field replaceable
Operating time	7 hours continuous operation. Display shows battery status
Charging system	In camera, AC adapter
AC operation	AC adapter 90-260 V AC, 50/60 Hz
Input voltage	11-16 V DC
Enviromental specification	
Operating temperature range	-15°C to +50°C
Storage temperature range	-40°C to +70°C
Encapsulation	IP54
Humidity	Operating and storage 20% to 80%, non-condensing
Physical characteristics	
Weight	550 g
Size (L x W x H)	243 mm x 81 mm x 103 mm
Tripod Mounting	1/4" - 20
Cover case	Plastic and rubber
Interfaces	
USB	Image transfer to PC
infraCAM includes:	IR camera, Carrying case, Power supply, Hand strap, Lens cap, USB cable, User manual, Power cord, Battery

Large and bright LCD

Sharp infrared images and easy-to-read temperature values are presented on the LCD display.

Easy-to-use

Ergonomic control buttons make the camera very easy to use. Switch the InfraCAM on and do your first inspections immediately.

Key features

- Accurate temperature measurement: one fixed spot in the middle of the image
- Large, super bright LCD display
- Built-in Laser LocatIR pointer
- Stores 50 JPEG images

Longlife battery

Just insert the battery and you are ready for over seven hours thermal inspections

Laser LocatIR

Activate the built in laser pointer and associate the hot spot you see on the LCD with the real target in the field.

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